

**EXPRESS MAIL CERTIFICATE**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

|                       |                    |                  |                 |
|-----------------------|--------------------|------------------|-----------------|
| Typed or Printed Name | Margaret D. Pierce | Express Mail No. | EL 563388832 US |
| Signature             | <i>M. Pierce</i>   | Date             | March 22, 2001  |

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                                      |             |
|--------------------------------------|-------------|
| CUSTOMER NO.                         | 24353       |
| Atty Docket No.                      | 6510-107CON |
| First Named Inventor                 | Bistrup     |
| Title: "Glycosyl Sulfotransferase-3" |             |

03/22/01  
09/816825  
JC929 U.S. PTO

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

Address to:

Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form in Duplicate (2 pgs)
2. ☒ Specification Total Pages 45  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) Total Sheets 7 (7 Figs.)
4. ☒ Oath or Declaration Total Sheets 4  
(In Counter-Parts)
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37,CFR 1.63(d)  
(for continuation/divisional with Box 16 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)
  - c. ☐ Unsigned

5. ☐ Microfiche Computer Program (*Appendix*)
6. ☒ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☒ Computer Readable Copy
  - b. ☒ Paper Copy (identical to  
computer copy)
  - c. ☒ Statement verifying identity  
of above copies

**ACCOMPANYING APPLICATION PARTS**

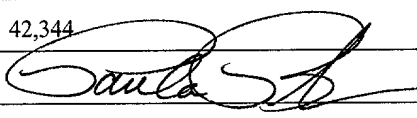
7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
11. ☒ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☒ Small Entity ☒ Statement filed in prior application  
Statement(s) Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Other:
16. ☒ Applicant Claims small entity status. See 37 CFR 1.27

16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☒ Continuation of prior application No. 09/045,284, filed March 20, 1998.

**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new non-provisional applications under 37 CFR 1.53(b))

|                                   |                                 |                  |                |
|-----------------------------------|---------------------------------|------------------|----------------|
| <b>17. CORRESPONDENCE ADDRESS</b> |                                 |                  |                |
| <b>Individual Name</b>            | Paula A. Borden                 |                  |                |
| <b>Firm Name</b>                  | BOZICEVIC, FIELD & FRANCIS LLP  |                  |                |
| <b>Address</b>                    | 200 Middlefield Road, Suite 200 |                  |                |
| <b>City, State, Zip</b>           | Menlo Park, CA 94025            |                  |                |
| <b>Country</b>                    | U.S.A.                          |                  |                |
| <b>Telephone</b>                  | (650) 327-3400                  | <b>Facsimile</b> | (650) 327-3231 |

|   |   |
|---|---|
| <b>SIGNATURE of Applicant or Assignee of Record</b> |   |
| <b>Individual Name</b>                              | Paula A. Borden   |
| <b>Registration No.</b>                             | 42,344  |
| <b>Signature</b>                                    |  |
| <b>Date</b>   | March 22, 2001  |

|  |                      |                 |
|--|----------------------|-----------------|
| <b>FEE TRANSMITTAL<br/>FOR 2000<br/>PTO/SB17</b><br><i>Patent fees are subject to annual revision.</i> | Application No.      | Unassigned      |
|  | Filing Date          | Unassigned      |
|  | First Named Inventor | Bistrup, et al. |
|  | Examiner Name        | Unassigned      |
|  | Group Art Unit       | Unassigned      |
| <b>TOTAL AMOUNT OF PAYMENT \$ 578.00</b>   | Attorney Docket No.  | 6510-107CON     |

**METHOD OF PAYMENT**

**1. X** The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  
**Deposit Account No. 50-0815**

**FEE CALCULATION**

**1. FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Due   |
|----------------|-----------------|----------------|-----------------|------------------------|-----------|
| 101            | 710             | 201            | 355             | Utility filing fee     | \$ 355.00 |
| 102            | 320             | 206            | 160             | Design filing fee      | \$        |
| 104            | 490             | 207            | 245             | Plant filing fee       | \$        |
| 109            | 710             | 208            | 355             | Reissue filing fee     | \$        |
| 110            | 150             | 214            | 75              | Provisional filing fee | \$        |
| Subtotal (1)   |                 |                |                 |                        | \$0.00    |

**2. CLAIMS**

| No. of claims as filed or after amendment |                 |                | Claims Previously Paid |                                   | Extra claims |   | Fee from below |   | Fee Due   |
|---|-----------------|----------------|------------------------|-----------------------------------|--------------|---|----------------|---|-----------|
| Total claims                              | 27              | -              | 20                     | =                                 |              | x | \$ 9.00        | = | \$ 63.00  |
| Ind. claims                               | 7               | -              | 3                      | =                                 |              | x | \$ 40.00       | = | \$ 160.00 |
| Multiple Dependent claims                 |                 |                |                        |                                   |              | x |                |   |           |
| Large Fee Code                            | Entity Fee (\$) | Small Fee Code | Entity Fee (\$)        | Fee Description                   |              |   |                |   |           |
| 103                                       | 18              | 203            | 9                      | Claims in excess of 20            |              |   |                |   |           |
| 102                                       | 80              | 202            | 40                     | Independent claims in excess of 3 |              |   |                |   |           |
| 104                                       | 270             | 204            | 135                    | Multiple dependent claim          |              |   |                |   |           |
| Subtotal (2)                              |                 |                |                        |                                   |              |   |                |   | \$223.00  |

**3. ADDITIONAL FEES**

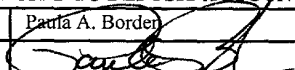
| Large Fee Code | Entity Fee | Small Fee Code | Entity Fee | Fee Description   | Fee Due | Large Fee Code      | Entity Fee | Small Fee Code | Entity Fee | Fee Description  | Fee Due |
|----------------|------------|----------------|------------|---|---------|---------------------|------------|----------------|------------|--|---------|
| 105            | 130        | 205            | 65         | Surcharge - late filing fee or oath                       |         | 127                 | 50         | 227            | 25         | Surcharge - late provisional filing fee or cover sheet         |         |
| 139            | 130        | 139            | 130        | Non-English specification                                 |         | 147                 | 2,520      | 147            | 2,520      | Filing a request for reexamination                             |         |
| 115            | 110        | 215            | 55         | Ext. for reply within first month                         |         | 116                 | 390        | 216            | 195        | Ext. for reply within second month                             |         |
| 117            | 890        | 217            | 445        | Ext. for reply within third month                         |         | 118                 | 1,390      | 218            | 695        | Ext. for reply within fourth month                             |         |
| 128            | 1,890      | 228            | 945        | Ext. for reply within fifth month                         |         | 119                 | 310        | 219            | 155        | Notice of Appeal   |         |
| 120            | 310        | 220            | 155        | Filing brief in support of appeal                         |         | 121                 | 270        | 221            | 135        | Request for oral hearing                                       |         |
| 140            | 110        | 240            | 55         | Petition to revive - unavoidable                          |         | 141                 | 1,210      | 241            | 605        | Petition to revive - unintentional                             |         |
| 142            | 1,210      | 242            | 605        | Utility issue fee (or reissue)                            |         | 122                 | 130        | 122            | 130        | Petitions to the Commissioner                                  |         |
| 123            | 50         | 123            | 50         | Petitions related to prov. appl.                          |         | 126                 | 180        | 126            | 180        | Submission of IDS  |         |
| 146            | 690        | 246            | 345        | Filing submission after final rejection (37 CFR 1.129(a)) |         | 149                 | 690        | 249            | 345        | For each additional invention to be examined (37 CFR 1.129(b)) |         |
| 112            | 920*       | 112            | 920*       | Requesting publication of SIR prior to Examiner action    |         | 113                 | 1840*      | 113            | 1840*      | Requesting publication of SIR after Examiner action            |         |
| 143            | 430        | 243            | 215        | Design issue fee  |         | 144                 | 580        | 244            | 290        | Plant issue fee  |         |
| 581            | 40         | 581            | 40         | Recording patent assignment                               |         | Other fee (specify) |            |                |            |  |         |

Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**


**TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT 50-0815**

(\$) **578.00**

|                           |   |   |                    |
|---------------------------|---|---|--------------------|
| Submitted by (Typed Name) | Paula A. Borden   | <b>BOZICEVIC, FIELD &amp; FRANCIS LLP</b> |                    |
| Signature                 |  | Date March 22, 2001                       | Reg. Number 42,344 |

**EXPRESS MAIL CERTIFICATE**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

|                       |   |                  |                |
|-----------------------|---|------------------|----------------|
| Typed or Printed Name | Margaret D. Pierce  | Express Mail No. | EL 563388832US |
| Signature             |  | Date             | March 22, 2001 |

JP 929 U.S. PRO  
09/016025  
03/22/01

**CERTIFICATION  
REGARDING SEQUENCE  
LISTING**

Address to:  
Commissioner for Patents  
Washington, D.C. 20231

**REGARDING SEQUENCE LISTING**

|                      |                               |
|----------------------|-------------------------------|
| Attorney Docket      | 6510-107CON                   |
| First Named Inventor | Bistrup                       |
| Application Number   | Unassigned                    |
| Filing Date          | Herewith (March 22, 2001)     |
| Group Art Unit       | Unassigned                    |
| Examiner Name        | Unassigned                    |
| Title:               | "GLYCOSYL SULFOTRANSFERASE-3" |

Sir:

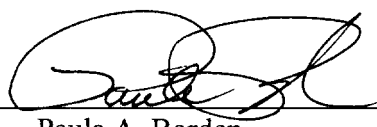
I hereby certify that the enclosed Sequence Listing is being submitted in paper copy and on a computer-readable diskette, and that the content of the paper and computer readable copies are the same.

I hereby also certify that the enclosed submission includes no new matter.

Applicants believe that no fee is due in connection with the filing of this paper. However, the Commissioner is hereby authorized to charge any fees which may be required by this paper, or to credit any overpayment, to Deposit Account No. 50-0815.

Respectfully submitted,  
BOZICEVIC, FIELD & FRANCIS LLP

Date: March 22, 2001

By:   
Paula A. Borden  
Registration No. 42,344

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Seq. listing certification.doc

SCANNED, # 6